

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 3726 Customer No.: 035811  
Examiner :  
Serial No. : 10/537,194  
Filed : June 2, 2005  
PCT No. : PCT/JP2003/015462  
PCT Filed : December 3, 2003  
Inventors : Minoru Takashima Docket No.: JFE-05-1124  
: Masaaki Kohno  
: Katsumi Yamada Confirmation No.: 1226  
: Masaki Kawano  
: Kaoru Sato  
Title : NON-ORIENTED ELECTRICAL STEEL  
: SHEET AND METHOD FOR  
: MANUFACTURING THE SAME

---

Dated: February 2, 2006

**Mail Stop PCT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATION**  
**37 C.F.R. §1.10**

Express Mail Label No.: EV 591422526 US

Date of Deposit: February 2, 2006

Description of Contents: Postcard, Supplemental Information Disclosure Statement, Form PTO-1449, copies of 7 publications and a copy of European International Search Report dated 12/20/05.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to **Mail Stop PCT**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Victorine Blanche Meise

---

(*Typed or printed name of person mailing paper or fee*)

*Victorine Blanche Meise*

---

(*Signature of person mailing paper or fee*)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.S./

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|            |   |                               |                         |
|------------|---|-------------------------------|-------------------------|
| Art Unit   | : | 3726                          | Customer No.: 035811    |
| Examiner   | : |                               |                         |
| Serial No. | : | 10/537,194                    |                         |
| Filed      | : | June 2, 2005                  |                         |
| PCT No.    | : | PCT/JP2003/015462             |                         |
| PCT Filed  | : | December 3, 2003              |                         |
| Inventors  | : | Minoru Takashima              | Docket No.: JFE-05-1124 |
|            | : | Masaaki Kohno                 |                         |
|            | : | Katsumi Yamada                | Confirmation No.: 1226  |
|            | : | Masaki Kawano                 |                         |
|            | : | Kaoru Sato                    |                         |
| Title      | : | NON-ORIENTED ELECTRICAL STEEL |                         |
|            | : | SHEET AND METHOD FOR          |                         |
|            | : | MANUFACTURING THE SAME        |                         |

Dated: February 2, 2006

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

**Mail Stop PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Applicants submit herewith Form PTO-1449 together with a copy of the non-US publications listed therein. A copy of the Supplementary European Search Report dated December 20, 2005 is also enclosed. The documents are submitted to comply with 37 C.F.R. §1.56. The enclosed publications are believed related in view of their mention in the Search Report for the reasons stated.

Applicants certify that each item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from any foreign patent office in a counterpart foreign application not more than three months ago.

The Applicants respectfully request that this Supplemental Information Disclosure Statement be officially entered into the file and that appropriate notification be made that it was considered by the Examiner.

Respectfully submitted,



T. Daniel Christenbury  
Reg. No. 31,750  
Attorney for Applicants

TDC:vbm  
(215) 656-3381

| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE   |    | ATTY. DOCKET NO. [REDACTED]       | SERIAL NO.<br>10/537,194 |         |       |          |                            |    |
|--|----|-----------------------------------|--------------------------|---------|-------|----------|----------------------------|----|
|  |    | APPLICANT Minoru Takashima et al. |                          |         |       |          |                            |    |
| LIST OF PRIOR ART CITED BY APPLICANT<br><i>(Use several sheets if necessary)</i>   |    | FILING DATE<br>June 2, 2005       | GROUP<br>3726            |         |       |          |                            |    |
| <b>U.S. PATENT DOCUMENTS</b>   |    |                                   |                          |         |       |          |                            |    |
| EXAMINER INITIAL*  |    | DOCUMENT NUMBER                   | DATE                     | NAME    | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |    |
|  | AA |                                   |                          |         |       |          |                            |    |
|  | AB |                                   |                          |         |       |          |                            |    |
|  | AC |                                   |                          |         |       |          |                            |    |
|  | AD |                                   |                          |         |       |          |                            |    |
|  | AE |                                   |                          |         |       |          |                            |    |
|  | AF |                                   |                          |         |       |          |                            |    |
|  | AG |                                   |                          |         |       |          |                            |    |
|  | AH |                                   |                          |         |       |          |                            |    |
|  | AI |                                   |                          |         |       |          |                            |    |
|  | AJ |                                   |                          |         |       |          |                            |    |
|  | AK |                                   |                          |         |       |          |                            |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |                                   |                          |         |       |          |                            |    |
|  |    | DOCUMENT NUMBER                   | DATE                     | COUNTRY | CLASS | SUBCLASS | TRANSLATION                |    |
|  |    |                                   |                          |         |       |          | YES                        | NO |
|  | AL | 08 225854 A                       | 09/03/96                 | Japan   |       |          | Abstract Only              |    |
|  | AM | 09 209039 A                       | 08/12/97                 | Japan   |       |          | Abstract Only              |    |
|  | AN | 09 316619 A                       | 12/09/97                 | Japan   |       |          | Abstract Only              |    |
|  | AO | 10 306344 A                       | 11/17/98                 | Japan   |       |          | Abstract Only              |    |
|  | AP | 1 081 238 A                       | 03/07/01                 | Europe  |       |          |                            |    |
| <b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |    |                                   |                          |         |       |          |                            |    |
|  | AR |                                   |                          |         |       |          |                            |    |
|  |    |                                   |                          |         |       |          |                            |    |
|  | AS |                                   |                          |         |       |          |                            |    |
|  |    |                                   |                          |         |       |          |                            |    |
|  | AT |                                   |                          |         |       |          |                            |    |
|  |    |                                   |                          |         |       |          |                            |    |
| EXAMINER /John Sheehan/  |    | DATE CONSIDERED 04/14/2008        |                          |         |       |          |                            |    |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p> |    |                                   |                          |         |       |          |                            |    |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.S./

|  |  |                                 |                          |
|--|--|---------------------------------|--------------------------|
| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE         |  | ATTY. DOCKET NO.<br>JFE-05-1124 | SERIAL NO.<br>10/537,194 |
| APPLICANT Minoru Takashima et al.  |  |                                 |                          |
| LIST OF PRIOR ART CITED BY APPLICANT<br><i>(Use several sheets if necessary)</i> |  | FILING DATE<br>June 2, 2005     | GROUP<br>3726            |

## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL* |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|------|------|-------|----------|----------------------------|
|                   | AA |                 |      |      |       |          |                            |
|                   | AB |                 |      |      |       |          |                            |
|                   | AC |                 |      |      |       |          |                            |
|                   | AD |                 |      |      |       |          |                            |
|                   | AE |                 |      |      |       |          |                            |
|                   | AF |                 |      |      |       |          |                            |
|                   | AG |                 |      |      |       |          |                            |
|                   | AH |                 |      |      |       |          |                            |
|                   | AI |                 |      |      |       |          |                            |
|                   | AJ |                 |      |      |       |          |                            |
|                   | AK |                 |      |      |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION   |    |
|--|----|-----------------|----------|---------|-------|----------|---------------|----|
|  |    |                 |          |         |       |          | YES           | NO |
|  | AL | 2000 282151 A   | 10/10/00 | Japan   |       |          | Abstract Only |    |
|  | AM | 2001 172752 A   | 06/26/01 | Japan   |       |          | Abstract Only |    |
|  | AN |                 |          |         |       |          |               |    |
|  | AO |                 |          |         |       |          |               |    |
|  | AP |                 |          |         |       |          |               |    |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |
|--|----|--|
|  | AR |  |
|  |    |  |
|  | AS |  |
|  |    |  |
|  | AT |  |
|  |    |  |

EXAMINER /John Sheehan/ DATE CONSIDERED 04/14/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.S./